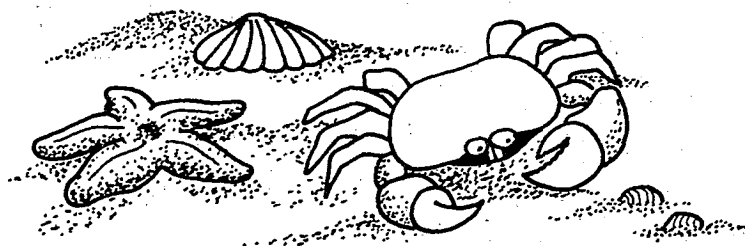
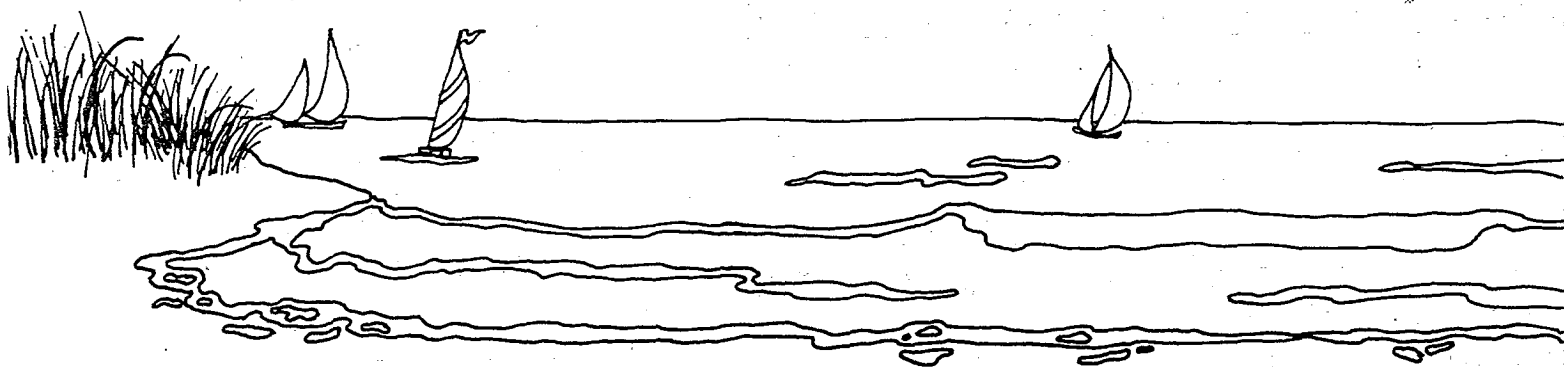
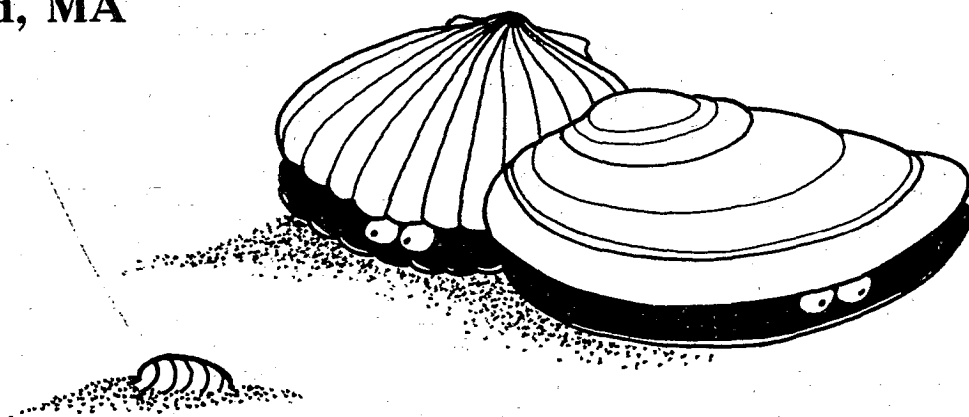


Summer Neuropeptide Conference 1993



PROGRAM

**Martha's Vineyard, MA
June 20-24, 1993**



Summer Neuropeptide Conference

1993 SUMMER NEUROPEPTIDE CONFERENCE

JUNE 20 - 24, 1993

MARTHA'S VINEYARD, MASSACHUSETTS, USA

Jacqueline Crawley, Conference Co-Organizer
Terry Rosen, Conference Co-Organizer
Paul Cohen, European Coordinator
Fleur Strand, Finance Coordinator
Donald Ford, Treasurer

1993 SUMMER NEUROPEPTIDE CONFERENCE

The 1993 Summer Neuropeptide Conference expresses its deep appreciation to the following contributors:

Bachem Bioscience, Inc.
Biomeasure Inc.
Council for Tobacco Research
Genentech, Inc.
Glaxo Group Research Limited
Merck Research Laboratories
National Institute on Drug Abuse
National Institute of Mental Health
National Science Foundation
Parke-Davis Pharmaceuticals
Pfizer Inc
SmithKline Beecham

The Sunday Reception is sponsored by Bachem Bioscience Inc.
The Keynote Lecture is sponsored by the National Institute on Drug Abuse
The Plenary Lecture is sponsored by the National Institute of Mental Health
The Graduate Student and Postdoctoral Fellow Awards are sponsored by the National Science Foundation

Graphic Design and Production by Pfizer Research Graphics; Heike Holly, Bud Tucker,
Anita Parker and Gail Welch

Program Text Prepared by Pfizer Research Document Preparations Group;
Deborah Sanford and Kathryn Smith

MAP OF CONFERENCE SESSION LOCATIONS

#1 The Kelley House

Conference Hotel

Registration

Poster Sessions, Monday and Tuesday evenings, 5:00-6:00 PM

#2 The Harborview Inn and Conference Center

Menemsha Room, Keynote Lecture, Sunday 4:00 PM

Veranda, Reception, Sunday 5:00 PM

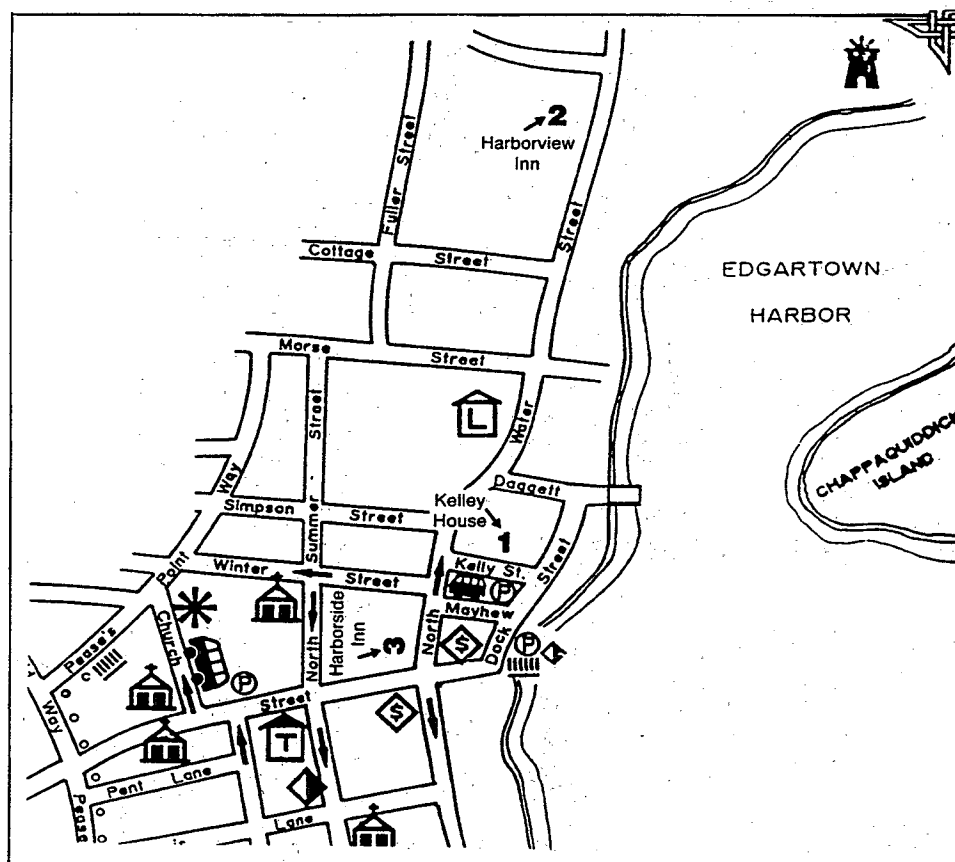
Menemsha Room, Plenary Lecture, Wednesday 4:00 PM

Veranda, Reception, Wednesday, 5:00 PM

Conference Banquet, Lawn or Beach (weather permitting), Wednesday, 7:00 PM

#3 Harborside Inn

Oak Hall, Symposium Sessions, Monday, Tuesday, Wednesday, and Thursday mornings, 8:30 AM, Monday and Tuesday evenings, 7:30 PM



1993 SUMMER NEUROPEPTIDE CONFERENCE

REGISTRATION

The Kelley House Foyer (Map Location #1)

Sunday, June 20, 1:00 PM to 4:00 PM

Monday, June 21, 8:00 AM to 12:00 Noon

Tuesday, June 22 8:00 AM to 12 Noon

See Conference Co-Organizers at all other times

Schedule of Events

Sunday, June 20

4:00 PM	Keynote Lecture	Menemsha Room, Harborview Inn
5:00 PM	Opening Reception	Menemsha Foyer and Veranda, Harborview Inn

Monday, June 21

8:30 AM-Noon	Molecular Biology of Neuropeptide Receptors	Harborside Inn
5:00-6:00 PM	Poster Session	Kelley House Inn
7:30-10:00 PM	Peptide Processing Enzymes	Harborside Inn

Tuesday, June 22

8:30 AM-Noon	Tachykinin Receptors: Molecular Biology, Pharmacology and Function	Harborside Inn
5:00-6:00 PM	Poster Session	Kelley House Inn
7:30-9:30 PM	How Functionally Important are Endogenous Neuropeptides?: <i>In Vivo</i> Release of Neuropeptides	Harborside Inn

Wednesday, June 23

8:30-11:30 AM	Peptides and Analgesia	Harborside Inn
4:00 PM	Plenary Lecture	Menemsha Room, Harborview Inn
5:00 PM	Reception	Menemsha Foyer and Veranda, Harborview Inn
7:00 PM	Conference Banquet	Harborview Inn

Thursday, June 24

8:30-11:30 AM	Strategies for the Development of Neuropeptide-Based Therapeutics	Harborside Inn
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PROGRAM

**1993 Summer Neuropeptide Conference
June 20 - 24, Martha's Vineyard, MA**

Sunday, June 20

KEYNOTE LECTURE, 4:00 PM
Menemsha Room, Harborview Inn (Map #2)

Dr. Peter Kalivas
Washington State University, Pullman, WA
"Overview of Neuropeptide-Transmitter Interactions in Limbic Motor Circuitry"

Opening Reception, 5:00 PM
Menemsha Foyer and Veranda, Harborview Inn (Map #2)

Monday, June 21

Morning Symposium, 8:30 AM
Harborside Inn (Map #3)

MOLECULAR BIOLOGY OF NEUROPEPTIDE RECEPTORS Chaired by Dr. Terry Reisine

Dr. James Battey
National Institutes of Health, Bethesda, MD
"Molecular Biology of Bombesin Receptors"

Dr. James Krause
Washington University, St. Louis, MO
"Molecular Biology of Tachykinin Receptors"

Dr. Terry Reisine
University of Pennsylvania, Philadelphia, PA
"Molecular Biology of Somatostatin Receptors"

Dr. Stephen Wank
National Institutes of Health, Bethesda, MD
"Molecular Biology of Cholecystokinin Receptors"

Dr. Jean Christophe
Universite Libre de Bruxelles, BELGIUM
"A cDNA Construct Allowing the Expression of the Rat
Hepatic Glucagon Receptor"

Dr. Steve Lolait
National Institutes of Mental Health, Bethesda, MD
"Molecular Biology of Vasopressin Receptors"

Evening Poster Session, 5:00-6:00 PM
Kelley House Inn (Map #1)

Evening Symposium, 7:30 PM
Harborside Inn (Map #3)

PEPTIDE PROCESSING ENZYMES

Chaired by Dr. Paul Cohen and Dr. Louis B. Hersh

Dr. Paul Cohen
Universite Pierre et Marie Curie, Paris, FRANCE
"Peptide Hormone Inactivation: A Novel Thermolysin-like Metallopeptidase from *Xenopus laevis* Skin Secretion"

Dr. Louis Hersh
University of Kentucky, Lexington, KY
"The Gamma Endorphin Generating Peptidase: A Peptidase with a Unique Specificity"

Dr. Guy Boileau
University of Montreal, Montreal, CANADA
"Molecular Structure and Distribution of Neutral Endopeptidase 24.11"

Dr. Nabil Seidah
Clinical Research Institute, Montreal, CANADA
"The Mammalian Kexin-like Family of Pro-Protein and Prohormone Convertases PC1, PC2, PC4 and PC5"

Dr. Richard Mains
Johns Hopkins University, Baltimore, MD
"Investigation of Peptide Biosynthesis by Altering Cellular Levels of Peptide Processing Enzymes"

Tuesday, June 22

Morning Symposium, 8:30 AM
Harborside Inn (Map #3)

TACHYKININ RECEPTORS: MOLECULAR BIOLOGY, PHARMACOLOGY AND FUNCTION

Chaired by Dr. Stafford McLean

Dr. Stafford McLean
Pfizer Central Research, Groton, CT
"Pharmacology and Biochemistry of Nonpeptide NK₁ Receptor Antagonists"

Dr. Russel M. Hagan
Glaxo Group Research, Ware, ENGLAND
"NK₂ Receptor Antagonists and the Role of NK₂ Receptors"

Dr. Xavier Edmonds-Alt
Sanofi Reserche, Montpellier, FRANCE
"Development and Pharmacology of NK₁ and NK₂ Receptor Antagonists"

Tuesday, June 22 (continued)

Dr. Tung Ming Fong
Merck & Company, Rahway, NJ
"Ligand-Receptor Interactions at Tachykinin Receptors"

Dr. James L. Henry
McGill University, Montreal, CANADA
"Substance P and Pain: Mediation of Nociceptive Inputs by NK₁ Receptors"

Dr. Patrick W. Mantyh
Veterans Administration Medical Center, Minneapolis, MN
"Role of Substance P in Disease"

Evening Poster Session, 5:00-6:00 PM
Kelley House Inn (Map #1)

Evening Symposium, 7:30 PM
Harborside Inn (Map #3)

HOW FUNCTIONALLY IMPORTANT ARE ENDOGENOUS NEUROPEPTIDES?: IN VIVO RELEASE OF NEUROPEPTIDES
Chaired by Dr. Jacqueline N. Crawley

Dr. Jacqueline N. Crawley
National Institute of Mental Health, Bethesda, MD
"Comparison of Microdialysis and Push-Pull Perfusion Techniques for Release of Cholecystokinin and Galanin"

Dr. Robert H. Roth
Yale University, New Haven, CT
"Corelease of Mesocorticolimbic Neurotensin and Dopamine"

Dr. Nigel Maidment
University of California, Los Angeles, CA
"Regulation of Enkephalin Release in the Basal Ganglia and Limbic System"

Dr. Emilio Merlo Pich
Scripps Research Institute, La Jolla, CA
"Stress-Induced Release of Corticotropin Releasing Factor in the Medial Basal Hypothalamus and Amygdala"

Wednesday, June 23

Morning Symposium, 8:30 AM
Harborside Inn (Map #3)

PEPTIDES AND ANALGESIA

Chaired by Dr. Zsuzsanna Wiesenfeld-Hallin

Dr. Valerie Verge
University of Saskatchewan, Saskatoon, CANADA
"Neuropeptides in Somatosensory Afferents: Nerve Injury and the Role of Nerve Growth Factor"

Dr. Zsuzsanna Wiesenfeld-Hallin
Karolinska Institutet, Stockholm, SWEDEN
"The Role of Neuropeptides in Intact and Injured Peripheral Nerves with Special Reference to Galanin"

Dr. A. Ribeiro-da-Silva
McGill University, Montreal, CANADA
"Ultrastructural and Physiological Correlates of the Interaction of Substance P and Enkephalin in the Dorsal Horn of the Spinal Cord"

Dr. Mirjana Randic
Iowa State University, Ames IA
"The Interactions of Excitatory Amino Acids with Tachykinins and Opioid Peptides Acting at the Mu, Delta and Kappa Receptors"

Dr. Geoffrey Woodruff
Parke-Davis Research Unit, Cambridge, ENGLAND
"The Role of Cholecystokinin in Spinal Nociceptive Processing"

Wednesday Afternoon

PLENARY LECTURE, 4:00 PM

Menemsha Room, Harborview Inn (Map #2)

Dr. Jacques Bradwejn
McGill University, Montreal, CANADA
"The Cholecystokinin Hypothesis of Panic and Anxiety: A Review of Clinical and Animal Data"

Reception, 5:00 PM
Menemsha Foyer and Veranda, Harborview Inn (Map #2)

Wednesday Evening

CONFERENCE BANQUET, 7:00 PM

Harborview Inn (Map #2)

Thursday, June 24

Morning Symposium, 8:30 AM
Harborside Inn (Map #3)

**STRATEGIES FOR THE DEVELOPMENT OF NEUROPEPTIDE-BASED
THERAPEUTICS**

Chaired by Dr. Franco Vaccarino

Dr. Franco Vaccarino

University of Toronto, Toronto, CANADA

"From Lab to Clinic: The Effects of Growth Hormone Releasing Factor on Eating and Its Disorders"

Dr. Charles B. Nemeroff

Emory University, Atlanta, GA

"Corticotropin Releasing Factor Antagonists as Potential Anxiolytics and Antidepressants"

Dr. Frank Baldino

Cephalon, Inc., West Chester, PA

"Therapeutic Role for IGF1 in Motor Neuron Disease"

Dr. Bernard Roques

Universite Renes Descartes, Paris, FRANCE

"Selective or Dual Inhibition of Peptidases for the Development of New Analgesics, Antihypertensives, or Antidiarrheal Agents"

Dr. Patrick Kitabgi

Universite de Nice, Sophia Antipolis, Valbonne, FRANCE

"SR48692: A Selective and Potent Nonpeptide Neurotensin Antagonist"

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